SEPARATOR FOR BATTERY AND BATTERY USING IT

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Abstract of **JP2002025528**

PROBLEM TO BE SOLVED: To obtain a separator for a battery which is superior in homogeneity of nonwoven fabric, which has an excellent liquid-retaining property and a sufficient strength of nonwoven fabric and which can contribute to improve a battery capacity without deteriorating the battery life, and obtain a battery which has outstanding battery characteristics such as improvement of self- discharging or the like. SOLUTION: One component is made from a component wherein (metha) acrylic acid metal salt is contained (MA-containing component (1)), and a fiber web is constituted from polyolefinic division-type composite fiber partitioned into not less than two by other components (2) and from polyolefinic fiber. After homogeneous nonwoven fabric is formed by the polyolefinic division-type composite fiber being divided through a disintegration/beating treatment, a pulper treatment in particular, at the time of slurry adjustment in a wet paper- making process or being divided through a water stream mixing treatment under a low pressure after a wet paper-making process, the separator for the battery capable of contributing to improve a battery capacity is obtained by applying a hydrophilic treatment such as a sulfonation treatment or the like.